

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1-11. (Canceled)

12. (Currently Amended) A resection assembly to allow resection of a selected bone portion, comprising:

a positioning rod adapted to be disposed within the selected bone portion through an incision formed relative to the selected bone portion;

a first guiding member moveable relative to said positioning rod and adjustably securable in at least a first position enabling resection of a first portion of the bone and a second position enabling resection of a second portion of the bone;

a resecting tool guided by said guiding member such that a selected portion of the selected bone portion is resected, said resecting tool translating in a direction generally along a longitudinal axis of the bone separate from and generally proximate to said positioning rod during resection of the selected bone portion;

a spacer receiving a portion of said positioning member rod and disposed between the bone and the first guiding member during resection and operable to limit said translation of the resecting tool during resection; and

a second guiding assembly operable between said first guiding member and said resecting tool to select an axial movement of said resecting tool;

a depth guide assembly including at least one of:

a sleeve adapted to be disposed between said first guiding member and the selected bone portion; and

a stop extending from said resecting tool and selectively secured to various positions along said resecting tool operable to engage said guide member upon sufficient translation of said resecting tool and thereby limit movement of said resecting tool relative to said positioning rod;

wherein said positioning rod and said resecting tool are passed through the incision.

13. (Previously Presented) The resection assembly of claim 12, wherein substantially only a portion of said positioning rod and a portion of the resecting tool are adapted to pass through the incision.

14. (Original) The resection assembly of claim 12, wherein said positioning rod includes:

a bone engaging section extending along an axis; and

a first guiding member engaging section extending along a second axis;

wherein said first guiding member is rotatable about said first guiding member engaging section of said positioning rod.

15. (Previously Presented) The resection assembly of claim 12, further comprising:

a third guiding member operable to interconnect said first guiding member and said resecting tool;

wherein said first guiding member includes a portion extending from said positioning rod and rotatable about said positioning rod; and

wherein said third guiding member allows for translation along said extending portion of said first guiding member to guide said resecting tool along said extending portion of said first guiding member.

16. (Previously Presented) The resection assembly of claim 12, wherein said resecting tool includes:

a milling head adapted to be able to resect a portion of the selected bone portion; and

a shaft extending from said milling head along said axis;

wherein said milling head is movable along at least said axis or a second axis oriented relative to said axis of said shaft.

17. (Original) The resection assembly of claim 16, wherein said guiding assembly includes:

a sleeve positioned relative to said shaft; and

a depth guide member fixable to said shaft;

wherein said depth guide member is able to engage said sleeve portion to select the axial position of said resecting head to select a depth of the resection of the selected bone portion.

18. (Original) The resection assembly of claim 12, wherein said first guiding member is fixable relative to said positioning rod at a plurality of positions such that said resecting tool resects a selected position when said first guiding member is fixed relative to said positioning rod.

19. (Canceled)

20. (Previously Presented) The resection assembly of claim 12, wherein the incision is about 1 cm to about 10 cm in length; and
substantially only said positioning rod and said resecting tool are adapted to extend through the incision.

21-38. (Canceled)